

Claim 4 (currently amended): A method as claimed in claim 1 ~~any one of claims 1 to 3~~, comprising

maintaining a log file in the memory of the mobile station by storing the data concerning the accrued parking fees into said log file.

Claim 5 (original): Parking fee system comprising:

a tariff database for maintaining data on the tariffs of the areas within the system, based on which the parking fees in the areas concerned are charged,

a parking fee register including means for maintaining parking data on the vehicles belonging to the system, for which the parking fee register has received parking data indicating the commencement of the parking, said parking fee register being configured to send application data to a mobile station of the user of a determined vehicle in response to the reception of the parking data indicating the commencement of the parking of said vehicle, the application data including at least a tariff retrieved from the tariff database on the basis of the parking data and the expiration time of the parking, if such an expiration time has been defined, the application data initiating an application in the mobile station of the user, which utilizing said tariff offers the user a chance to keep track in real time of at least the sum of the accrued parking fee and the remaining parking time, if the expiration time of the parking has been defined.

Claim 6 (original): A system as claimed in claim 5, wherein the parking fee register is configured to receive location information from a mobile network that indicates the

location of the mobile station of the user while receiving the parking data, and based on the location information to determine the area, in which the parking has taken place.

Claim 7 (currently amended): A system as claimed in claim 5 ~~or 6~~, wherein the parking fee register is configured to send application data to the mobile station of the user, the application data including area-specific instruction data that can be utilized to initiate an application in the mobile station of the user to provide instructions to the user of the mobile station in predetermined situations.

Claim 8 (original): A system as claimed in claim 5, wherein the parking fee register is configured in response to a registration indicating the termination of the parking of a particular vehicle to send a predetermined deactivation command to the mobile station of the user of the vehicle that deactivates the application initiated in the mobile station.

Claim 9 (original): A mobile station comprising:

- a receiver for receiving application data, and
- a display for displaying information to the user of the device, the mobile station being configured by means of the received application data to:
  - calculate an accrued parking fee utilizing a tariff included in the application data,
  - calculate the remaining parking time, if the application data shows that the expiration time of the parking has been defined, and
  - provide the display with information that show at least the sum of the accrued parking fee and the remaining parking time, if the expiration time of the parking has been defined.

Claim 10 (original): A mobile station as claimed in claim 9, wherein the mobile station is configured to maintain in memory a log file by storing data concerning the accrued parking fees into the log file.

Claim 11 (original): A computer program configured to control an apparatus after activation to calculate an accrued parking fee utilizing a tariff received by the apparatus, calculate the remaining parking time, if the apparatus has received a piece of information indicating the expiration time of the parking, and provide a display with information indicating at least the sum of the accrued parking fee and the remaining parking time, if data concerning the expiration time of the parking has been received.

Claim 12 (original): A computer program as claimed in claim 11, wherein the computer program is configured to control the apparatus to maintain in memory a log file concerning the accrued parking fees by storing a note into said log file concerning the accrued parking fee in response to a deactivation command of the computer program.

Claim 13 (new): A method as claimed in claim 2, comprising maintaining a log file in the memory of the mobile station by storing the data concerning the accrued parking fees into said log file.

Claim 14 (new):        A method as claimed in claim 3, comprising  
maintaining a log file in the memory of the mobile station by storing the data  
concerning the accrued parking fees into said log file.

Claim 15 (new):        A system as claimed in claim 6, wherein the parking fee  
register is configured to send application data to the mobile station of the user, the application  
data including area-specific instruction data that can be utilized to initiate an application in the  
mobile station of the user to provide instructions to the user of the mobile station in  
predetermined situations.